

=====

Sequence Listing was accepted.

If you need help call the Patent Electronic Business Center at (866)
217-9197 (toll free).

Reviewer: markspencer

Timestamp: [year=2008; month=12; day=9; hr=14; min=27; sec=4; ms=958;]

=====

Application No: 10550072 Version No: 1.0

Input Set:

Output Set:

Started: 2008-11-21 16:38:14.299
Finished: 2008-11-21 16:38:14.742
Elapsed: 0 hr(s) 0 min(s) 0 sec(s) 443 ms
Total Warnings: 6
Total Errors: 0
No. of SeqIDs Defined: 8
Actual SeqID Count: 8

Error code	Error Description
W 213	Artificial or Unknown found in <213> in SEQ ID (2)
W 213	Artificial or Unknown found in <213> in SEQ ID (3)
W 213	Artificial or Unknown found in <213> in SEQ ID (4)
W 213	Artificial or Unknown found in <213> in SEQ ID (5)
W 213	Artificial or Unknown found in <213> in SEQ ID (6)
W 213	Artificial or Unknown found in <213> in SEQ ID (7)

SEQUENCE LISTING

<110> WINICOV, ILGA

<120> EXPRESSION OF DESIRABLE PROTEINS IN PLANT ROOTS AND CELL CULTURES

<130> AZTE:027US

<140> 10550072

<141> 2008-11-21

<150> PCT/US04/08807

<151> 2004-03-22

<160> 8

<170> PatentIn version 3.5

<210> 1

<211> 1555

<212> DNA

<213> Homo sapiens

<400> 1

ttttataaat atttaagctt gataataatt ttgcgatcta tatataagcc actaccaatt	60
taaaattata tatatatata tatatatata tatatatata ataattttta ttatatttat	120
tacgttgatg gtaaaaaaat aaatataatt tgttaccatt taaaagtcatt aaatatagta	180
caatccaacc ctttgagagg ttaatgtgtg tgcggatttt ctagataaac aaggtgccat	240
tcacgattct tcttggtgca gcttggagaa ccctatcctg ggcttggag atttacttct	300
tgttgatgct tctagagtac agctccttaa ggctgtagtc tagttttttt tttcatcctt	360
cctacaaaaa aaaaaaaagt cataaatata gtttatacat ataacttta taaaaataaa	420
aaaatttcat ccctaaaaac atagtagaaa tttcataaaa aaaatattgt ttataattta	480
catgccgtta cggtaaaaaa tggataaatt gggatatggag tactagtaat taataagggt	540
cattggttaa aaaaactaaa aaataatttc tctcctgatt tatatgaaat gacatttttt	600
tggaacatga agggatttga tttttaccac cttttacacc tttcaaagcc attcaaggat	660
gaatatagat ttttgggcga tcaaacacaa gaatcattac gataacatgc tttggaacac	720
acacatgctt aaattaatgg ttggagtatc aaattttaaa atattgttgt caatacatatc	780
cccgtaatc ttcttttttt tacccaataa acattgaaat gttgcttctt tcgttaagca	840
taaaaacatc aaagtctagc aaaatgttgt ttttgcatg acacatttca tatagttaa	900
aggatgcatg attcgattac aaaaacaaaa tactaataat tctagcaca agtttaaagc	960

aagattataa agcttcatag catgtggata ttcatttaga aatatagatt agattgcccc	1020
tttcatcacg ggtctaacag caccacttgt cactacatgt caaaaatgtc ctctagtaca	1080
gcaccgcttt ttacttgatt ccccttgtcc atgcatgaaa aaaatcaaaa caatatttgg	1140
acacacaaaac ttgccccac tttccttttt ctttctgccc tagtttggtt gagactcata	1200
ttgatcaaat ttggctatga attcaaacaa aaaattcact ctaccattg catgtgtggg	1260
gccacatat aaatccatga aggatttcaa tgtccatcca agtcaatgat tcaacatata	1320
taacattgaa taatttaatt ccaatttgca gtattatgat ttagattgat tgctgcaata	1380
cgggccgtga atgtgatcac tcacgagaaa gaggtatcaa aatttcaagg tattttattt	1440
atttttaaca aataaaattt caaggtcttg ttcacatat aaacctctc actcacacc	1500
aattctctta agtgatgac ttcatagtac actacactac tttctttgaa acatg	1555

<210> 2
 <211> 27
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Synthetic primer

<400> 2	
gctctagagg atgcatgatt cgattag	27

<210> 3
 <211> 26
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Synthetic primer

<400> 3	
ggtcccgggc aagcaagaac aatgag	26

<210> 4
 <211> 32
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Synthetic primer

<400> 4	
ggacccgggg agtaaaggag aagaactttt ca	32

<210> 5
 <211> 30
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Synthetic primer

 <400> 5
 ggagatctga gctcttattt gtatagtttc 30

 <210> 6
 <211> 57
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Synthetic primer

 <400> 6
 gctctagaac actacactac tttctttgaa catgagtaaa ggagaagaac ttttcac 57

 <210> 7
 <211> 29
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Synthetic primer

 <400> 7
 gctctagagt gtatgacttc atagtacac 29

 <210> 8
 <211> 2936
 <212> DNA
 <213> Homo sapiens

 <400> 8
 gctctagagg atgcatgatt cgattacaaa aacaaaatac taataattct cgagatctcc 60

 tacgtactaa gctaattgtt ttgttttatg attattaaga agcacaaagt ttaaagcaag 120

 attataaagc ttcatagcat gtggatattc tcgtgtttca aatttcgttc taatatttcg 180

 aagtatcgta cacctataag atttagaaat atagattaga ttgccccttt catcacgggt 240

 ctaacagcac taaatcttta tatctaattc aacggggaaa gtagtgccca gattgtcgtg 300

 cacttgtcac tacatgtcaa aaatgtctc tagtacagca ccgcttttta gtgaacagtg 360

 atgtacagtt ttacaggag atcatgtcgt ggcgaaaaat cttgattccc cttgtccatg 420

 catgaaaaaa atcaaaacaa tatttggaca gaactaaggg gaacagggtac gtactttttt 480

tagttttgtt ataaacctgt cacaaacttg cccccacttt cctttttctt tctgccctag	540
tttgtttgag gtgtttgaac gggggtgaaa ggaaaaagaa agacgggatc aaacaaactc	600
actcatattg atcaaatttg gctatgaatt caaacaaaaa attcactcta tgagtataac	660
tagtttaaac cgataacttaa gtttgttttt taagtgagat cccattgcat gtgtggggcc	720
cacatataaa tccatgaagg atttcaatgt gggtaacgta cacaccccggtgtgtatat	780
aggtacttcc taaagttaca ccatccaagt caatgattca acatatataa cattgaataa	840
tttaattcca ggtaggttca gttactaagt tgtatatatt gtaacttatt aaattaaggt	900
atttgcagta ttatgattta gattgattgc tgcaatacgg tccgtgaatg taaacgtcat	960
aatactaaat ctaactaacg acgttatgcc aggcacttac tgatcactca cgagaaagag	1020
gtatcaaaat ttcaagggtat tttatttatt actagttagt gctctttctc catagtttta	1080
aagttccata aaataaataa tttaacaaat aaaatttcaa ggtcttggtc accatataaa	1140
cctcctcact aaattgttta ttttaaagtt ccagaacaag tggatatatt ggaggagtga	1200
cacaccaat tctcttaagt gtatgacttc atagtacact acactacttt gtgtgggtta	1260
agagaattca cactactgaag tatcatgtga tgtgatgaaa ctttgaaca tggctaacta	1320
tgctctagcc aatgttttca tccttctctt gaaactttgt accgattgat acgagatcgg	1380
ttacaaaagt aggaagagaa gaacttgagt accttactca ttgttcttgc ttgcccgggg	1440
agtaaaggag cttgaactca tggaatgagt aacaagaacg aacgggcccc tcatttcctc	1500
aagaactttt cactggagtt gtcccaattc ttgttgaatt agatggtgat ttcttgaaaa	1560
gtgacctcaa cagggttaag aacaacttaa tctaccacta gttaatgggc acaaattttc	1620
tgtcagtgga gaggggtgaag gtgatgcaac caattaccgg tgtttaaaag acagtcacct	1680
ctcccacttc cactacgttg atacggaaaa cttaccctta aatttatattg cactactgga	1740
aaactacctg tatgcctttt gaatgggaat ttaaataaac gtgatgacct tttgatggac	1800
ttccatggcc aacacttgtc actactttct cttatgggtgt tcaatgcttt aaggtagcgg	1860
ttgtgaacag tgatgaaaga gaataccaca agttacgaaa tcaagatacc cagatcatat	1920
gaagcggcac gacttcttca agagcgccat agttctatgg gtctagtata cttegccgtg	1980
ctgaagaagt tctcgcggtg gcctgaggga tacgtgcagg agaggacat cttcttcaag	2040
gacgacggga cggactccct atgcacgtcc tctcctggta gaagaagtcc ctgctgccct	2100
actacaagac acgtgctgaa gtcaagtttg agggagacac cctcgtcaac tgatgttctg	2160

tgacgactt cagttcaaac tccctctgtg ggagcagttg aggatcgagc ttaagggaat	2220
cgatttcaag gaggacggaa acatcctcgg tcctagctcg aattccctta gctaaagttc	2280
ctcctgcctt tgtaggagcc ccacaagttg gaatacaact acaactccca caacgtatac	2340
atcatggcag ggtgttcaac cttatgttga tgttgagggg gttgcatatg tagtaccgtc	2400
acaaacaaaa gaatggaatc aaagttaact tcaaaattag acacaacatt tgtttgtttt	2460
cttaccttag tttcaattga agttttaatc tgtgttgtaa gaagatggaa gcgttcaact	2520
agcagaccat tatcaacaaa atactccaat cttctacctt cgcaagttga tcgtctggta	2580
atagttgttt tatgaggtta tggcgatggc cctgtccttt taccagacaa ccattacctg	2640
tccacacaat accgctaccg ggacaggaaa atggtctggt ggtaatggac aggtgtgtta	2700
ctgccctttc gaaagatccc aacgaaaaga gagaccacat ggtccttctt gacgggaaag	2760
ctttctaggg ttgcttttct ctctggtgta ccaggaagaa gagtttgtaa cagctgctgg	2820
gattacacat ggcattgatg aactatacaa ctcaaacatt gtcgacgacc ctaatgtgta	2880
ccgtacctac ttgatatggt ataagagctc agatctccta ttctcgagtc tagagg	2936